

Here is list where amino acids are grouped according to the characteristics of the side chains:

- **Aliphatic** - alanine ([gif, interactive](#)), glycine ([gif, interactive](#)), isoleucine ([gif, interactive](#)), leucine ([gif, interactive](#)), proline ([gif, interactive](#)), valine ([gif, interactive](#))
- **Aromatic** - phenylalanine ([gif, interactive](#)), tryptophan ([gif, interactive](#)), tyrosine ([gif, interactive](#))
- **Acidic** - aspartic acid ([gif, interactive](#)), glutamic acid ([gif, interactive](#))
- **Basic** - arginine ([gif, interactive](#)), histidine ([gif, interactive](#)), lysine ([gif, interactive](#))
- **Hydroxylic** - serine ([gif, interactive](#)), threonine ([gif, interactive](#))
- **Sulphur-containing** - cysteine ([gif, interactive](#)), methionine ([gif, interactive](#))
- **Amidic (containing amide group)** - asparagine ([gif, interactive](#)), glutamine ([gif, interactive](#))